***Physics Practical Task:***

***Experiment with my coke cans.***

**Apparatus needed: 5 soda cans, thermometer, 3 kg mass, ruler, heater.**

As we are meant to conduct an experiment with coke cans with involving an independent, dependant and controlled variable,I decided to calculate if the temperature of the can affects the strength of the can!!!

I decided to take 5 cans, each at different temperatures, ranging between 10 degrees and 50 degrees. My controlled variable is a mass off 3 kgs, independent variable is the temperature of the can and the dependent variable will be the amount the can decreases in size!!!(in centimetres)...

I will conduct the same experiment on all 5 cans but different independent variables. Thus in the end of the experiment I will be able to comment if heat really affects the strength of an alumanium can or it does not.

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